

December 11, 2006
Case No.: DE 030105 (7790/464)
Serial No.: 10/552,811
Filed: October 11, 2005
Page 4 of 9

CLAIM LISTING

A listing of an entire set of claims 1-8 is submitted herewith per 37 C.F.R. §1.121. This listing of claims 1-8 will replace all prior versions, and listings, of claims in the application.

1. (Original) A high-pressure metal halide discharge lamp, characterized in that it comprises, as filling, only zinc, a halogen and a rare gas.
2. (Original) A discharge lamp as claimed in claim 1, characterized in that it comprises, as filling, only zinc, iodine and a rare gas.
3. (Currently amended) A discharge lamp as claimed in claim 1, characterized in that ~~[[the]]~~ an overall amount of the ~~[[atomic]]~~ halogen is between 1 and 30 $\mu\text{mole}/\text{cm}^3$, ~~[[the]]~~ an overall amount of zinc is more than 1 $\mu\text{mole}/\text{cm}^3$, and ~~[[the]]~~ a zinc/~~[[atomic]]~~ halogen ~~[[molar]]~~ molar ratio is ~~[[>]]~~ greater than 0.5.
4. (Currently Amended) A discharge lamp as claimed in claim 3, characterized in that the zinc/~~[[atomic]]~~ halogen ~~[[molar]]~~ molar ratio is ~~[[>]]~~ greater than 1.
5. (Currently Amended) A discharge lamp as claimed in claim 1, characterized in that ~~[[the]]~~ a coupling-in of energy takes place without electrodes in the radio-frequency range (0.1 – 1000 MHz) or in the microwave range (~~[[>]]~~ greater than 1000 MHz).

December 11, 2006

Case No.: DE 030105 (7790/464)

Serial No.: 10/552,811

Filed: October 11, 2005

Page 5 of 9

6. (Currently Amended) A discharge lamp as claimed in claim 1, characterized in that [[the]] a coupling-in of energy takes place by means of metal electrodes.
7. (Currently Amended) A discharge lamp as claimed in claim 1, characterized in that it additionally comprises a calcium halide, with [[the]] an overall amount of calcium being at least 1 nmole/cm³.
8. (Currently amended) A discharge lamp as claimed in claim 1, characterized in that it additionally comprises a [[the]] lamp tube [[consists of]] including quartz, aluminum oxide, or yttrium-aluminum garnet.